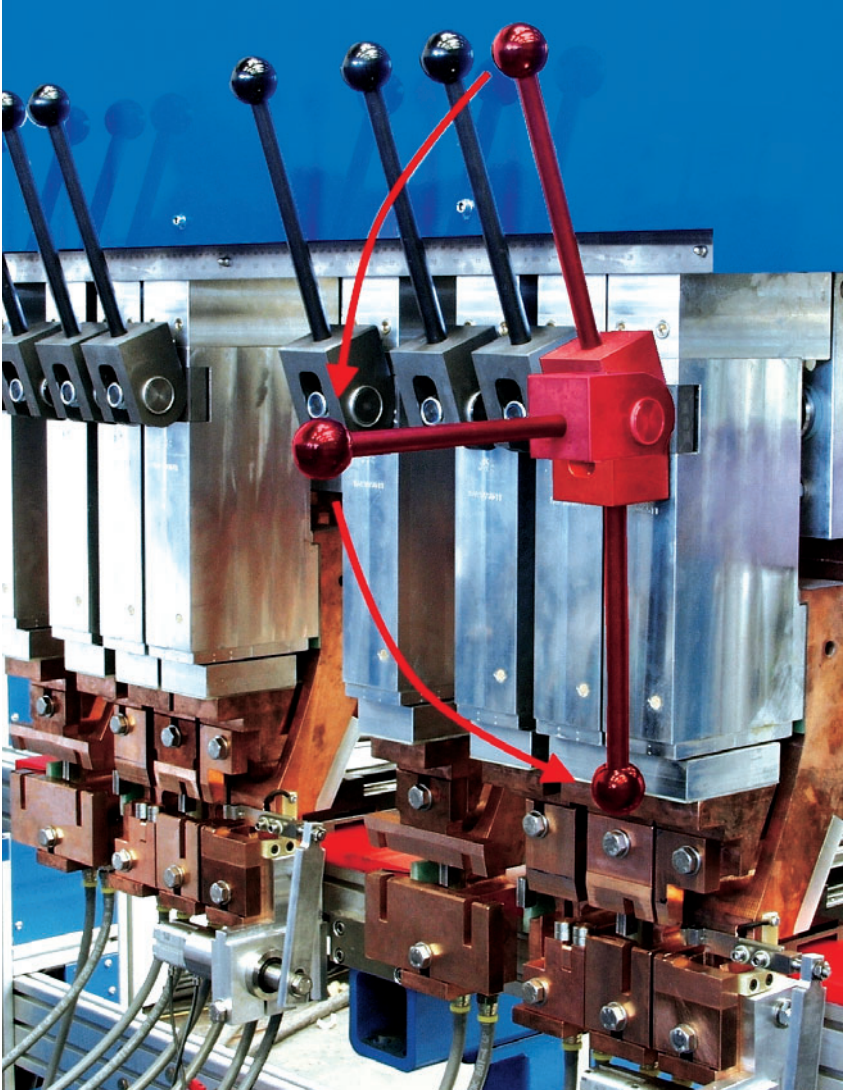
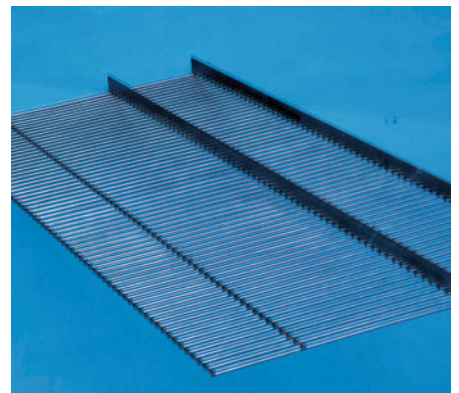


# THE FLEXIBLE AND VERSATILE MESH WELDING MACHINES

## GAE 100 SERIES



THE NEW GENERATION  
OF MESH PANEL WELDING MACHINES



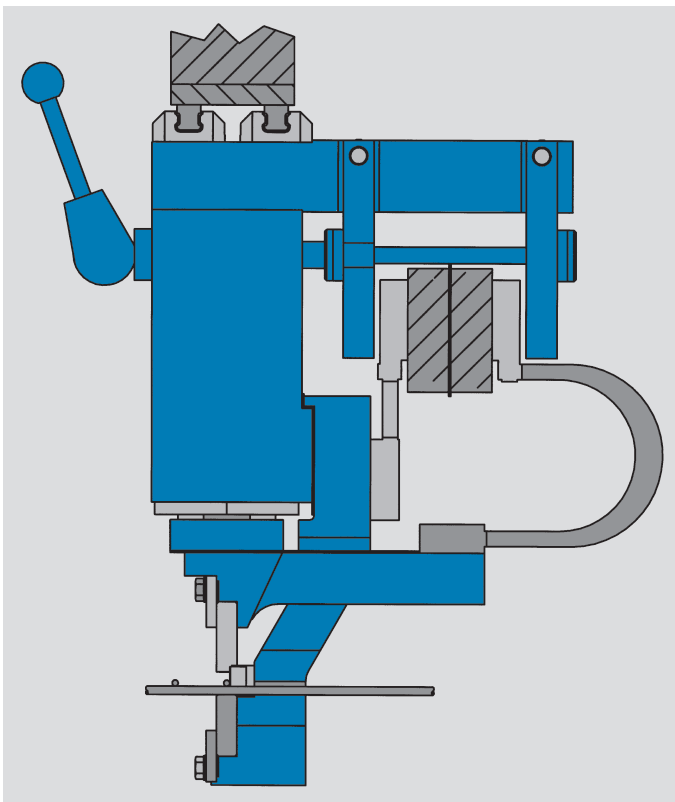


Setting of welding heads to line wire pitch

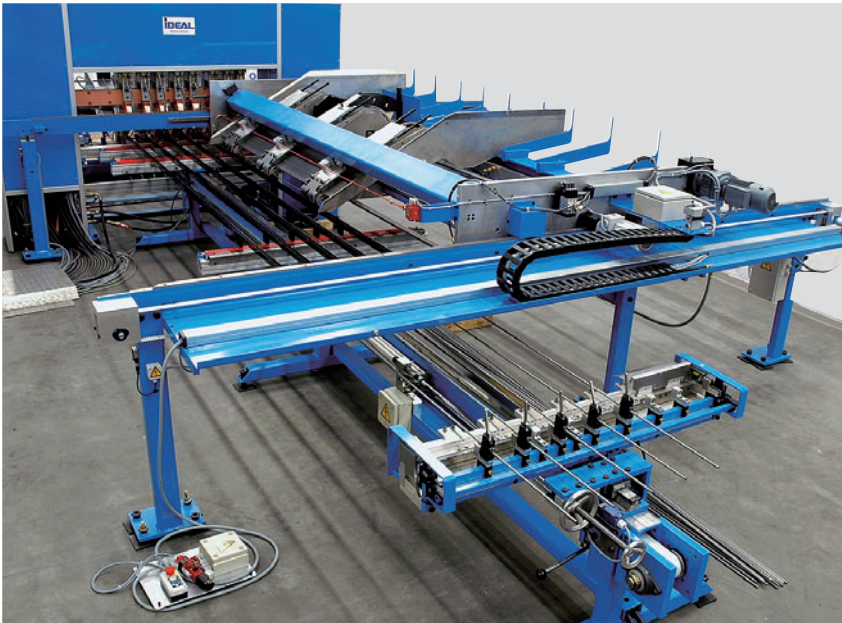
2

## THE NEW WELDING HEAD GETS YOU AHEAD!

- Substantial reduction of down-times
- Considerable increase in production time
- Setting of welding head within a few minutes
- Setting of cross wire magazine from a central position using one tool
- Positioning of compact welding heads by simply releasing single lever and sliding the heads on precision rails
- Quick programming of mesh panel
- Average reduction of set-up time to one third
- High quality mesh products by direct single phase DC (or medium frequency) welding
- Mesh panels without distortion
- Perfect flatness of panels
- Clean welds with minimum welding spatter



Welding head in compact design



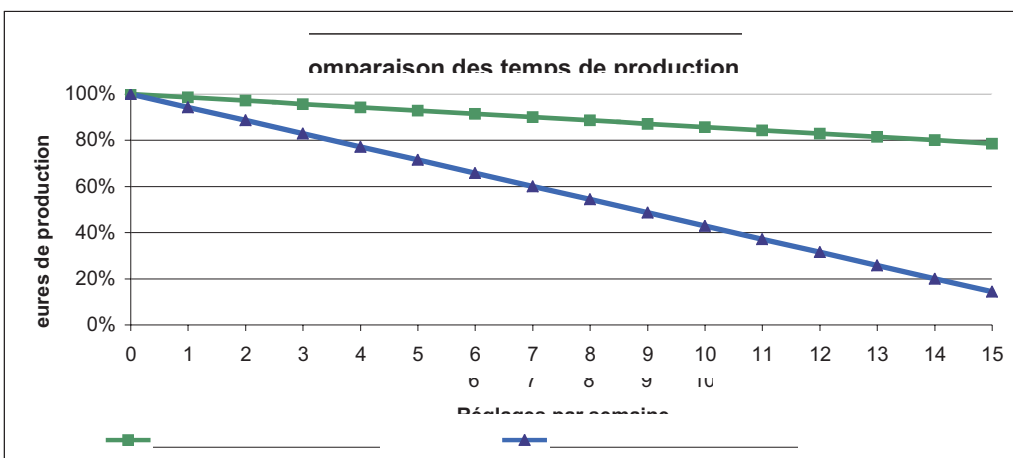
Loading of line wires manually by operator or by automatic loading carriage

### RAPID CHANGEOVER TO DIFFERENT MESH PRODUCTS

- Compact welding heads incorporating air cylinder, upper and lower electrode holders, electrode dies and electro-magnets.
- Heads slide smoothly on precision steel rails, connected to secondary bus system by eccentric lever.
- Fast manual releasing of lever to move the welding heads effortlessly along the welding portal.
- Even current distribution with two heavy-duty welding transformers mounted to either sides of the bus system.

### SUPERIOR QUALITY WELDS BY DIRECT DC TECHNOLOGY

- Multiple use mesh welding machine to weld round wires onto line wires, flat steel bars, frames (without T-bars).
- Wide range of options to suit any requirement:
  - Second cross wire magazine
  - Accessories for running in double tracking
  - Pushers for positioning of stainless steel wire.





WELDING TECHNOLOGY  
SINCE 1923



## IDEAL – YOUR RELIABLE PARTNER TO SUCCESS

Since 1923 the name IDEAL stands for perfection and quality in the progressive development and supply of resistance welding machines. Lengthy experience and up-to-date knowledge is jointly available for problem-solving, with practical solutions based on machines already in customer service. Hence modern technology produces a reduction in welding cost and increased productivity.

TYPE		GAE 112	GAE 116
Max. mesh width	mm	1 200	1 600
Max. mesh length	mm	2 000 / 3 500	2 000 / 3 500
Min./max. diameter of line wires	mm	2 – 8	2 – 8
of cross wires	mm	2 – 8	2 – 8
Transformer			
Amount / capacity	kVA	2 x 125	2 x 125
Amount / capacity	kVA	2 x 200	2 x 200
Medium frequency	kVA	2 x 265	2 x 265
Second cross wire distributor		optional	optional
Double tracking possible		optional	optional

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